

Glenn Research Center

ACTS Extension Workshop 10/24/00



Consortium Approach

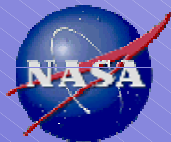
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Consortium Approach



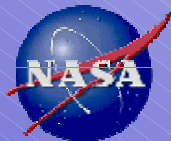
- Why a Consortium?
 - Due to the high level of interest in using ACTS, a fair and open environment is needed to allow & encourage the greatest participation
 - ACTS operation costs are probably prohibitive for an individual or single entity to assume
 - A collaborative environment fosters synergy and insures fair and worthwhile use of ACTS



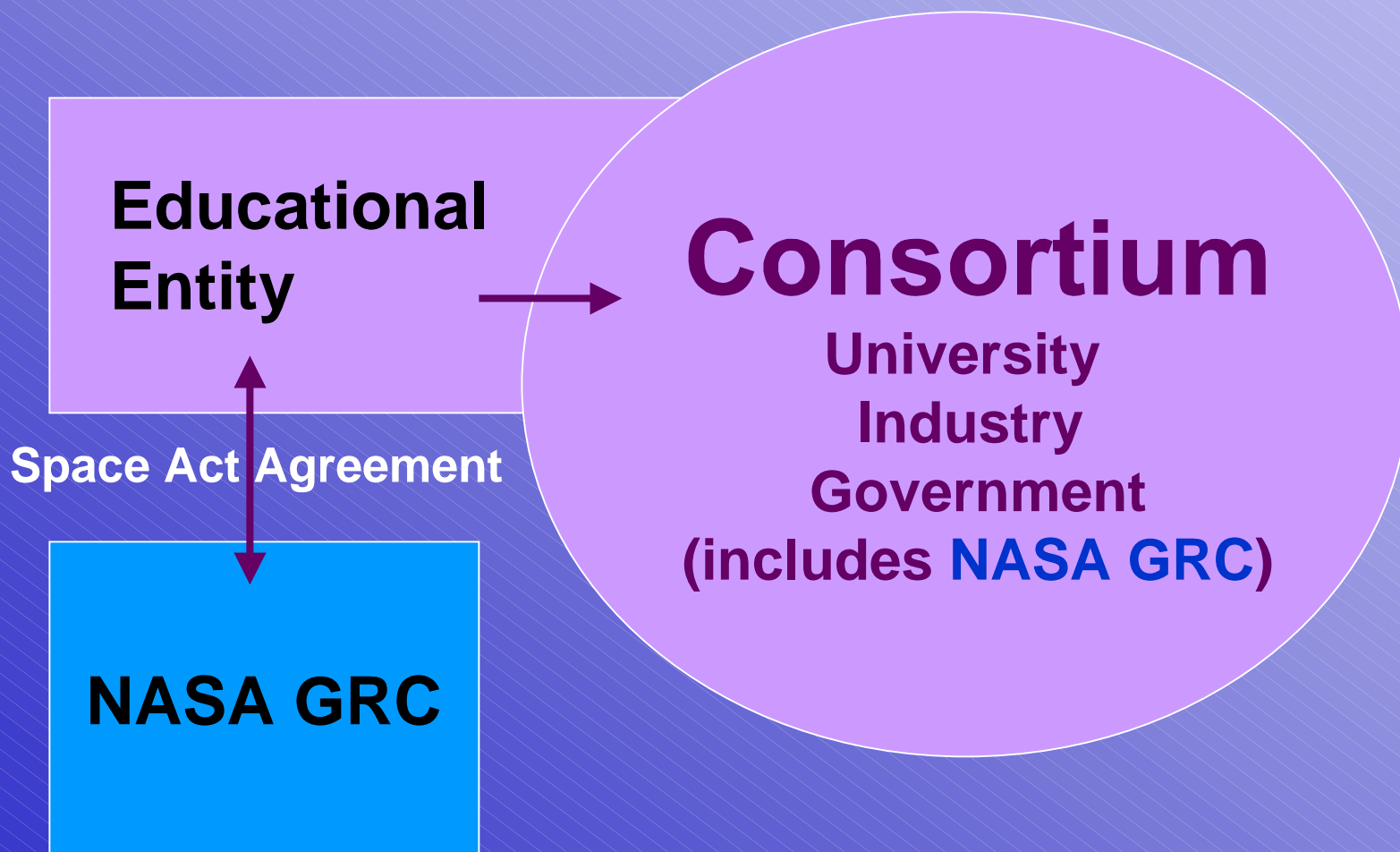
Consortium Approach

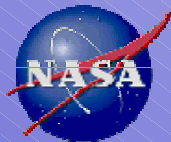


- Purpose of the Consortium
 - Leverage federal, state, private and academic resources to support education and research based activities related to Ka-band communications systems and operations
 - Act as a catalyst for businesses developing advanced communications products and services
 - Support economic invigoration in Ohio by providing advanced technology and facilities to aid in building the communication infrastructure needed for the future



Consortium Approach

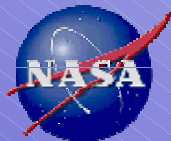




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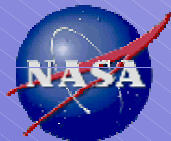
- Formation of the Consortium
 - A Space Act Agreement (SAA) between NASA GRC and one educational entity:
 - allows a Consortium access to ACTS
 - requires the entity to form, (or arrange for the formation of) the Consortium *at no cost* to the government. And,
 - requires the entity to assume the **full cost of operations no later than April 28, 2001.**



Consortium Approach



- Additional conditions of the SAA:
 - NASA maintains licenses to operate
 - Spacecraft must remain at 105.2° West orbit
 - Consortium membership and access to ACTS must be open to all U.S. entities
 - Use of ACTS can not compete with commercial services provided by industry
 - Consortium responsible for compliance to export laws, data rights regs, existing S/W licenses and nondisclosure agreements



Consortium Approach



•Interest from Academia and Government

Ohio University

Georgia Tech

Miami University

New Mexico State

Wright State

University of Cincinnati

USRA

Florida State

Ohio View

US Naval Academy

Purdue University

Texas A&M

Florida Atlantic

U of South Florida

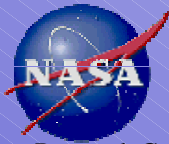
U of Akron

Kent State University

Center for Leadership
Education

Ohio Supercomputing Center

4 Federal Research Labs



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•Interest from Industry

Advanced Comm Tech

Andrew Corp

Broadtier Comm Inc

E-merging Tech Group

General Dynamics

Honeywell Tech

Motorola

Naknan

Smart Coast

Wild Blue

Infinite Global Infrastructures

ComSearch

Honeywell

Lockheed Martin

General Dynamics

Space Ops International

Andrew Corporation

Tech & Business Strategies



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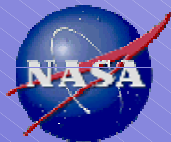
- Commitments

The Ohio Board of Regents (OBR)

- has accepted all conditions required to execute the SAA
- is arranging for the formation of a consortium to benefit *all* constituencies: government, university and industry
- is identifying funds for 4 years of ACTS' operations
- is securing funding commitments from 25 universities in Ohio and across the nation

The Ohio View Consortium

- has offered 200k to support the ACTS consortium

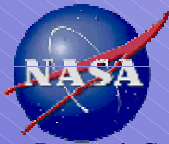


Consortium Approach



- Summary

- NASA is willing to extend ACTS operations provided that a Consortium can be formed *quickly* and assume the operation costs NLT 4/28/01. **Time is of the essence!**
- The academic based Consortium must allow open membership and/or access to ACTS.
- Commitments by the OBR and the Ohio View Consortium are providing a good foundation and impetus to jump start the process.



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Consortium Approach



The OBR and Ohio University are hosting a breakout session to discuss the Consortium.

The session is today, after the technical briefings.

Organizations interested in membership or in using ACTS are encouraged to attend.

